

ABSTRACT

An object of the present invention is to provide a method of highly purifying a glass body, which enables
5 high purification of the glass body while decreasing deformation of the glass body at a high degree, to provide a highly purified glass body, and to provide a method and an apparatus for manufacturing a glass tube, which can obtain a highly purified glass tube.

10 A method of highly purifying a glass body according to the present invention is to apply a voltage between electrodes 1 and 2, which make contact with the glass pipe 11, in a nearly radial direction of the glass pipe 11 while heating the glass pipe 11 to a temperature within
15 a range less than 1300°C. Further, a method of manufacturing a glass tube according to the invention is to generate a voltage gradient in a radial direction of a glass tube 106 by applying voltages to the inner circumferential side and the outer circumferential side
20 of the glass tube 106 when a glass rod 103 is gradually formed into the glass tube 106 by heating the glass rod 103 to soften the glass rod 103 and by bringing a boring jig 130 into contact with a softened portion of the glass rod 103.